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Service Manual

HP Designjet
T1100/T1100ps/T610/
T1120/T1120ps
Printer Series

Version 6
March 19, 2009

For HP Internal Use Only

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WARNING

The procedures described in this manual are to be performed by HP-qualified service personnel only.

Electrical Shock Hazard

Serious shock hazard leading to death or injury may result if you do not take the following precautions:

- Ensure that the ac power outlet (mains) has a protective earth (ground) terminal.

- Disconnect the Printer from the power source prior to performing any maintenance.

- Prevent water or any other liquids from running onto electrical components or circuits, or through openings in the enclosure.

Electrostatic Discharge

Refer to the beginning of Chapter 4of this manual, for precautions you should take to prevent damage to the Printer circuits from electrostatic discharge.

Safety Symbols

General definitions of safety symbols are given immediately after the table of contents.

WARNING

The Warning symbol calls attention to a procedure, practice, or the like, which, if not correctly performed or adhered to, could result in personal injury. Do not proceed beyond a Warning symbol until the indicated conditions are fully understood and met.

CAUTION

The Caution symbol calls attention to an operating procedure, practice, or the like, which, if not correctly performed or adhered to, could result in damage to or destruction of part or all of the product. Do not proceed beyond a Caution symbol until the indicated conditions are fully understood and met.

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For information about Using this Manual, please refer to the next page.

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Using this Manual

Purpose

This Service Manual contains information necessary to test, calibrate and service:

- HP designjet T1100 Printer 24 inch (Model Q6683A)
- HP designjet T1100 Printer 44 inch (Model Q6687A)
- HP designjet T1100ps Printer 24 inch (Model Q6684A)
- HP designjet T1100ps Printer 44 inch (Model Q6688A)
- HP designjet T610 Printer 24 inch (Model Q6711A)
- HP designjet T610 Printer 44 inch (Model Q6712A)
- HP designjet T1120 Printer 24 inch (Model CK837A)
- HP designjet T1120 Printer 44 inch (Model CK839A)
- HP designjet T1120ps Printer 24 inch (Model CK838A)
- HP designjet T1120ps Printer 44 inch (Model CK840A)

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For information about using these printers, refer to the corresponding User and Quick Reference Guides.

Readership

The procedures described in this Service Manual are to be performed by HP Certified service personnel only.

Part Numbers

Part Numbers for Printer options, accessories and service parts are located in Chapter 5 Parts and Diagrams on page 5-1.

Conventions

Any text that uses the blue underlined format (except this one) is a link that directs you to the page number of the reference. If you are viewing the document as a pdf, you can click on that link to be taken there directly.

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Shown below is an example of what you might see if you have problems with the paper not being flat:

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Corrective Action

1. Check that the paper type loaded corresponds to the paper type selected in the front panel and in the software. You can verify the paper type selected through the Front Panel (Main Menu/Paper menu/View loaded paper).
2. Try using a heavier paper type. When printing dense colors, it is recommended to use HP Heavyweight Coated Paper or HP Super Heavyweight Coated Paper.

Ink marks on the paper

This problem may occur for several different reasons.